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Translation

## PATENT COOPERATION TREAT



## **PCT**

# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

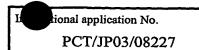
Applicant's or agent's file reference E01370/3T506	FOR FURTHER ACTION	See Form PCT/IPEA/416
International application No. PCT/JP2003/008227	International filing date (day/month/year) 27 June 2003 (27.06.2003)	Priority date (day/month/year)
International Patent Classification (IPC) or nat H03F 3/19	ional classification and IPC	08 July 2002 (08.07.2002)
Applicant KABUS	HIKI KAISHA TOYOTA JIDOSI	HOKKI ·
This report is the international prelimir Authority under Article 35 and transmi	nary examination report, established by this itted to the applicant according to Article 3	s International Preliminary Examining 6.
2. This REPORT consists of a total of	4 sheets, including this cover s	shoos
3. This report is also accompanied by AN	NEXES, comprising:	
	the International Bureau) a total of	sheets, as follows:
Administrative Instru sheets which superse beyond the disclosure Supplemental Box.	de earlier sheets, but which this Authority in the international application as filed, a	een amended and are the basis of this reported rity (see Rule 70.16 and Section 607 of the considers contain an amendment that goes as indicated in item 4 of Box No. I and the
readable form only, as indications.  Administrative Instructions).  4. This report contains indications relating	ated in the Supplemental Box Relating to	be and number of electronic carrier(s) and/or tables related thereto, in computer Sequence Listing (see Section 802 of the
Box No. IV Lack of unity of in	of opinion with regard to novelty, inventiv	ve step and industrial applicability
Box No. V Reasoned statemen citations and explan	t under Article 35(2) with regard to novelty	. y, inventive step or industrial applicability;
Box No. VI Certain documents	cited	
I I _	he international application	
Box No. VIII Certain observation	s on the international application	
te of submission of the demand	Date of completion of t	this report
27 January 2004 (27.01.200		pril 2004 (27.04.2004)
me and mailing address of the IPEA/JP	Authorized officer	
csimile No.	Telephone No.	

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

- 1	_	
	Ir	ional application No.
		PCT/IP2003/00822

Box N	o. I	Basis of the report
1. With	h regard rwise in	to the language, this report is based on the international application in the language in which it was filed, unless
	This whic	report is based on translations from the original language into the following language, the is language of a translation furnished for the purpose of:
		international search (under Rules 12.3 and 23.1(b))
		publication of the international application (under Rule 12.4)
		international preliminary examination (under Rules 55.2 and/or 55.3)
	are not	to the elements of the international application, this report is based on (replacement sheets which have been the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" annexed to this report):  iternational application as originally filed/furnished
		scription:
	pages	·
	pages'	, as originally filed/furnished received by this Authority on
	pages*	
	the cla	
	pages	
	pages*	, as originally filed/furnished
•	pages*	, as amended (together with any statement) under Article 19
	pages*	received by this Authority on
	the dra	
Ш	pages	wings:
	pages*	, as originally filed/furnished
	pages*	received by this Authority on
	-	roceived by this Authority on
لـــا	a seque	ence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3.		nendments have resulted in the cancellation of:
		he description, pages
		he claims, Nos.
	L ti	he drawings, sheets/figs
	L] ti	ne sequence listing (specify):
		ny table(s) related to sequence listing (specify):
4. 🗀 .		
	made, s (Rule 7)	port has been established as if (some of) the amendments annexed to this report and listed below had not been since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box 0.2(c)).
		ne description, pages
	┌ ☐ th	e claims, Nos.
	ī, "	e drawings sheets/figs
		e drawings, sheets/figs
•	∺ ∷	te sequence listing (specify):
	ar	ny table(s) related to sequence listing (specify):
• If item	4 appli	es, some or all of those sheets may be marked "superseded."
orm DC		





Box No. V	No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		plicability;	
1. Statement			-	
Novelt	ty (N)	Claims	1-11	YES
		Claims		NO
Invent	tive step (IS)	Claims	1-11	YES
ĺ		Claims		NO
Indust	rial applicability (IA)	Claims	1-11	YES
ł		Claims		NO
				<del></del>

2. Citations and explanations (Rule 70.7)

#### Documents cited in the ISR:

Document 1: JP, 5-48360, A (Chuna K.K.), 26 February, 1993 (26.02.93) (Family: none)

Document 2: JP, 10-422942, A (Sanyo Electric Co., Ltd.), 23 January, 1998 (23.01.98) (Family: none)

Document 3: JP, 2002-100938, A (Toshiba Corp.), 5 April, 2002 (05.04.02), & US, 2002-0036543, A1, & EP, 1195890, A2

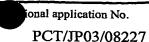
Document 4: JP, 7-28180, B2 (AT&T Corp.), 29 March, 1995 (29.03.95), & US, 5105165, A, & EP, 0491488, A1

Document 5: JP, 60-229404, A (Toshiba Corp.), 14 November, 1985 (14.11.85), & US, 4626794, A, & EP, 0159654, A

Document 6: Microfilm of the specification and drawings annexed to the written application of Japanese Utility Model Application No. 129012/1986 (Laid-open No. 35337/1988)

#### Remarks

A feature of the subject matters of claims 1-11 wherein a first P channel MOSFET to amplify AM broadcasting signals and a second P channel MOSFET cascade-connected with the first P channel MOSFET are provided, is neither described in documents 1-6 cited in the ISR, nor obvious to a person skilled in the art.



INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY			PCT/JP03/08227		
ox No. VI Certain document	s cited				
1. Certain published documents (Rule 70.10)					
Application No. Patent No.	Publication date (day/month/year)	Filing date (day/month/yea	Priority date (valid claim r) (day/month/year)		
JP 2002-204129 A [P, X]	2002-07.19	2000.12.2	8		
Non-written disclosures (Rule	70 9)				
Kind of non-written di	sclosure Date of non-	written disclosure nonth/year)	Date of written disclosure referring to non-written disclosure (day/month/year)		